Index of Claims

| App | lica | tion | /Co | ntrol | No. |
|-----|------|------|-----|-------|-----|
|-----|------|------|-----|-------|-----|

10/614,589 Examiner

Nelson D. Hernandez

Applicant(s)/Patent under Reexamination

DOW ET AL.

**Art Unit** 

2622

| X | Rejected |
|---|----------|
|   | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ţ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| i | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | aim      |  |              |     |  | Dat             |  |  |                 | $\neg$   |          | nim.     |              |                 |          |          | )oto     |          |          |          |          |     |       | nima       |          |                      |          |          | \        |          |           | _        | $\neg$   |
|-----------------|----------|--|--------------|-----|--|-----------------|--|--|-----------------|----------|----------|----------|--------------|-----------------|----------|----------|----------|----------|----------|----------|----------|-----|-------|------------|----------|----------------------|----------|----------|----------|----------|-----------|----------|----------|
|                 |          | <del>                                     </del> | П            | _   | 1  | Date Claim Date |  |  |                 |          |          |          |              |                 |          |          | Uli      | aim      | Date     |          |          |     |       |            |          |                      |          |          |          |          |           |          |          |
| Final           | Original | 9/53/06  |              |     |  |                 |  |  |                 |          | Finat    | Original |              |                 |          |          |          |          |          |          |          |     | Final | Original   |          |                      |          |          |          |          |           |          |          |
|                 | _1       | X  |              |     |  |                 |  |  |                 |          |          | 51       |              |                 |          | $\neg$   |          |          |          |          |          |     |       | 101        |          | П                    |          |          |          |          | $\neg$    | $\neg$   | П        |
|                 | 2        | X  |              |     |  |                 |  |  |                 |          |          | 52       |              |                 |          | $\neg$   |          |          |          |          |          |     |       | 102        |          |                      |          |          |          |          | $\neg$    | $\neg$   | $\sqcap$ |
|                 | 3        | Х  |              |     |  |                 |  |  |                 |          |          | 53       |              |                 |          |          | 一        | T        | $\neg$   |          |          |     |       | 103        |          | П                    |          |          |          |          | $\exists$ | $\neg$   | П        |
|                 | 4        | X  |              |     |  |                 |  |  |                 |          |          | 54       |              |                 |          |          |          |          |          |          |          |     |       | 104        |          | П                    |          |          |          |          | П         |          | П        |
|                 | 5        | Х  |              |     |  |                 |  |  |                 |          |          | 55       |              |                 |          |          | $\Box$   |          |          |          |          |     |       | 105        |          | П                    |          |          |          |          | П         | $\neg$   | П        |
|                 | 6        | 0  |              |     |  |                 |  |  |                 |          |          | 56       |              |                 |          |          |          |          |          |          |          |     |       | 106        |          |                      |          |          |          |          | П         |          |          |
| <u> </u>        | 7        | Х  | L            |     |  |                 |  |  |                 |          |          | 57       |              |                 |          |          |          |          |          |          |          |     |       | 107        |          |                      |          |          |          |          |           |          |          |
| <u></u>         | 8        | X  |              |     |  | ļ               |  |  |                 |          |          | 58       | <u> </u>     |                 |          |          |          |          |          |          |          |     |       | 108        |          |                      |          |          |          |          |           |          |          |
|                 | 9        | X  |              |     |  |                 |  |  |                 |          |          | 59       |              |                 |          |          |          |          |          |          |          | r.  |       | 109        |          |                      |          |          |          |          |           |          |          |
|                 | 10       | X  | _            |     | _  | L               |  | L.   |                 |          |          | 60       |              |                 |          |          |          |          |          |          |          | 1   |       | 110        |          |                      |          |          |          |          |           |          |          |
|                 | 11       | Х  |              |     | L  | _               | L  |  | Ш               |          |          | 61       |              |                 |          |          |          |          |          |          |          |     |       | 111        |          |                      |          |          |          |          |           |          |          |
|                 | 12       | Х  | _            | L., |  | L               | <u> </u>   |  | oxdot           |          | L        | 62       |              |                 |          |          |          |          |          |          |          |     |       | 112        |          |                      |          |          |          |          |           |          |          |
|                 | 13       | Х  |              |     |  |                 |  | 上  |                 |          |          | 63       |              |                 |          |          |          |          |          |          |          |     |       | 113        |          |                      |          |          |          |          |           |          |          |
|                 | 14       | X  | _            |     |  | <u>L</u>        | L  | 乚  |                 | Ш        |          | 64       |              | Ш               |          | $\perp$  | _        |          |          |          |          |     |       | 114        |          |                      |          |          |          |          |           |          |          |
| <u></u>         | 15       | X  | <u> </u>     |     | ┖  | _               | L  | L  |                 | _        | L        | 65       |              |                 |          |          |          | $\Box$   |          |          |          | 5   |       | 115        |          |                      |          |          |          |          |           |          |          |
|                 | 16       | X  |              |     | <u> </u>   | <u> </u>        | L  | L  |                 | Ш        |          | 66       |              |                 |          |          | _        |          |          |          |          | 4.1 |       | 116        |          | $\sqcup$             |          |          |          |          |           |          |          |
|                 | 17       | Х  |              |     | L  | _               | 乚  |  |                 | Ц        |          | 67       | $oxed{oxed}$ | Ш               |          |          | _        |          |          |          |          |     |       | 117        |          |                      |          |          |          |          |           |          |          |
|                 | 18       | Х  | <u> </u>     |     | ┖  | <u>L</u>        | <u> </u>   | <u> </u>   |                 | Ц        | <u> </u> | 68       |              | Ш               |          | $\Box$   | $\Box$   |          |          | _        |          |     |       | 118        |          |                      |          |          |          |          |           |          |          |
|                 | 19       | Х  | <u> </u>     | _   | _  | ┖               | _  | _  |                 |          |          | 69       |              |                 |          |          |          | _        |          |          |          |     |       | 119        |          |                      |          |          |          |          |           |          |          |
|                 | 20       |  | L.           |     | _  | ┖               | <u> </u>   | _  |                 |          |          | 70       |              |                 |          |          |          |          | $\Box$   |          |          |     |       | 120        |          |                      |          |          |          |          |           |          |          |
|                 | 21       | L  | _            |     | L  | <u> </u>        | _  | <u> </u>   |                 |          |          | 71       |              |                 |          |          | $\Box$   | _        |          |          |          |     |       | 121        |          | Ш                    |          |          |          |          |           |          | Ш        |
|                 | 22       | _  | L.           |     | <u> </u>   | _               | _  | _  | L               |          |          | 72       |              |                 |          | _        | _        |          | _        |          |          |     |       | 122        | L        |                      |          |          |          |          | Ш         | ]        |          |
|                 | 23       | <u> </u>   | _            |     | ╙  | 1               | <u> </u>   | _  | L               | Щ        | ļ        | 73       |              |                 |          | _        |          | _        |          | _        |          | 13  |       | 123        |          | Ш                    |          |          |          |          |           |          | Ш        |
|                 | 24       |  |              |     | L  | <u> </u>        | _  | _  | Ш               |          | <u> </u> | 74       |              |                 |          | ᆚ        | _        |          |          | _        |          |     |       | 124        |          | Ш                    |          |          |          |          | $\square$ |          |          |
|                 | 25       |  | <u> </u>     | _   | <u> </u>   | $oxed{igspace}$ | ┡  | <u> </u>   | $oxed{oxed}$    |          |          | 75       |              |                 |          | _        |          | _        | _        |          |          |     |       | 125        |          | Ш                    | _        |          |          |          |           |          | Ш        |
|                 | 26       | <u> </u>   |              |     | ┞-   | 1               | ļ  | <del> </del>                                     | <u> </u>        | _        |          | 76       | <u> </u>     |                 |          |          | _        | _        | _        |          |          |     |       | 126        |          | Ш                    |          |          |          |          |           |          | Ш        |
| <u></u>         | 27       | <u> </u>   |              |     | ļ  |                 | ļ  | <u> </u>   | _               | _        |          | 77       | <u> </u>     |                 |          | _        | _        | _        | _        | _        |          |     |       | 127        |          | Ш                    | _        |          |          |          |           | ]        | Ш        |
|                 | 28       | <u> </u>   | <u> </u>     |     | ┞-   | <u> </u>        | _  | <u> </u>   |                 |          |          | 78       | _            | Щ               | _        | _        | _        | _        | _        | $\dashv$ |          |     |       | 128        |          | $\sqcup$             | _        | _        |          |          | $\dashv$  |          | Ш        |
| Ь—              | 29       | -  |              |     | ├-   | <del> </del> —  | ـــ  | ┞  |                 | _        |          | 79       |              | Ш               | _        | _        | _        | _        | _        |          |          |     |       | 129        |          | $\sqcup$             | _        |          |          |          | $\dashv$  | _        |          |
| -               | 30       |  |              |     | <u> </u>   | <del> </del>    | ⊢  | ┡  |                 | Щ        | ļ        | 80       | _            | _               |          |          |          | _        | _        |          |          |     |       | 130        |          | $\sqcup$             |          | _        |          |          | _         |          | Ш        |
|                 | 31       | _  | <u> </u>     |     | <u> </u>   | -               | ┡  | ├  | Н               | _        |          | 81       | <u> </u>     | -               |          | _        | _        | _        | _        | _        |          |     |       | 131        |          | -                    | _        |          |          |          | _         | _        | Щ        |
|                 | 33       |  |              |     | -  | -               | ├  | ├  |                 |          |          | 82       | _            | $\dashv$        | _        | _        | _        | -        | -        | _        | _        |     |       | 132        |          | ┞╾┼                  | _        | _        |          |          | _         | _        | $\dashv$ |
|                 | 34       |  |              |     | ├  | ╢               | ┝  | ├  | $\vdash$        |          |          | 83       | <u> </u>     | $\dashv$        | _        |          | -        | -        | -        |          |          |     |       | 133        | _        | $\vdash$             | $\dashv$ | _        | -        | _        |           | 4        | Н        |
| <del></del>     | 35       | <del> </del>                                     | <del> </del> | -   | ├-   | $\vdash$        | ├  | ╁  | $\vdash$        | $\dashv$ |          | 84<br>85 | -            | $\vdash \vdash$ | $\vdash$ |          | -        |          | $\dashv$ | -        | _        |     |       | 134        |          | $\vdash \downarrow$  | _        | -        |          | $\Box$   | $\dashv$  | $\dashv$ | $\dashv$ |
| <b></b>         | 36       | $\vdash$   | $\vdash$     |     | $\vdash$   | -               | -  | ├-   |                 | $\dashv$ | -        | 86       | H            | $\vdash$        |          | $\dashv$ | $\dashv$ |          | -        |          | -        |     |       | 135        | _        | $\vdash \vdash$      | -        |          | -        |          | $\dashv$  | $\dashv$ | Щ        |
| <u> </u>        | 37       | $\vdash$   | <del> </del> |     | <del> </del>                                     | ├-              | ╁  | ┼  | $\vdash$        | -        | <u> </u> | 87       |              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┥        | $\dashv$ | _        |     |       | 136        |          | $\vdash$             | _        | -        |          | _        | $\dashv$  |          | Щ        |
| -               | 38       | $\vdash$   | -            | _   | -  | $\vdash$        | -  | ⊢  | $\vdash$        | $\dashv$ |          | 88       | $\vdash$     | $\vdash$        | $\vdash$ | $\dashv$ |          |          | -        |          | _        |     |       | 137<br>138 | _        | $\vdash \vdash$      | -        | -        | _        |          |           | $\dashv$ | $\vdash$ |
|                 | 39       | $\vdash$   | $\vdash$     |     | $\vdash$   | ┼─              | <del>                                     </del> | $\vdash$   | Н               |          |          | 89       | H            | $\vdash$        | $\dashv$ | -        |          | -+       |          | $\dashv$ |          |     | -     |            | $\vdash$ | ${oldsymbol{arphi}}$ |          | $\dashv$ |          |          | $\dashv$  |          | $\dashv$ |
| $\vdash$        | 40       | $\vdash$   | $\vdash$     |     | $\vdash$   | ├               | $\vdash$   | $\vdash$   | $\vdash$        | $\dashv$ | -        | 90       |              |                 |          | -        | -        | -+       | -        | -        |          |     |       | 139        |          | $\vdash \vdash$      | $\dashv$ | -        | $\dashv$ |          | $\dashv$  |          | $\dashv$ |
| <del></del>     | 41       | <del>                                     </del> | $\vdash$     |     | <del> </del> —                                   | $\vdash$        | $\vdash$   | -  | Н               |          | -        | 91       | -            | $\vdash$        |          | -+       | $\dashv$ |          | -        |          | -        |     |       | 140<br>141 | Ь        | $\vdash \vdash$      | $\dashv$ |          |          | -        |           |          |          |
|                 | 42       | -  |              |     | $\vdash$   | $\vdash$        | ├  |  | $\vdash$        | $\dashv$ | -        | 92       | _            | $\dashv$        | -        | +        | $\dashv$ | $\dashv$ | $\dashv$ |          |          |     |       |            | $\vdash$ | $\vdash \vdash$      | 4        |          | $\dashv$ |          | $\dashv$  |          | $\dashv$ |
|                 | 43       | -  | Н            | _   | <del> </del>                                     | +-              | $\vdash$   | <del> </del>                                     | $\vdash \vdash$ |          | -        | 93       | $\vdash$     | $\dashv$        |          |          | $\dashv$ |          |          | $\dashv$ | _        |     |       | 142<br>143 | Н        | $\vdash \vdash$      | -        |          |          |          | $\dashv$  | $\dashv$ | $\dashv$ |
| $\vdash$        | 44       |  | H            |     | -  | $\vdash$        | $\vdash$   |  | $\vdash$        | $\dashv$ | -        | 94       | Н            | $\dashv$        | $\dashv$ | -        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | _        |     |       | 144        | Н        | $\vdash$             | -        |          | $\dashv$ |          | -         |          |          |
| $\vdash$        | 45       |  | Н            |     | -  | $\vdash$        | $\vdash$   | $\vdash$   | $\vdash$        | $\dashv$ | -        | 95       | Н            | $\dashv$        | -        | +        | $\dashv$ | $\dashv$ |          | -+       |          |     |       | 144        | $\vdash$ | $\dashv$             | 4        |          | $\dashv$ |          | -+        |          | $\dashv$ |
| $\vdash$        | 46       | Н  | -            | _   |  | $\vdash$        | $\vdash$   | +-   | $\vdash$        | $\dashv$ | <b>—</b> | 96       | $\vdash$     | $\vdash$        |          |          | -+       |          | -        |          | -        |     |       | 146        | $\vdash$ | $\vdash$             | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           |          | $\dashv$ |
|                 | 47       | H  | Н            | _   | <del> </del>                                     | $\vdash$        | $\vdash$   | <del>                                     </del> | $\vdash$        |          | -        | 97       |              | $\dashv$        | $\dashv$ | ┰        | -+       | $\dashv$ | $\dashv$ |          |          |     |       | 147        | -        | $\dashv$             | $\dashv$ | $\dashv$ |          |          | $\dashv$  | $\dashv$ | $\dashv$ |
| $\vdash \vdash$ | 48       |  | -            | _   | -  | -               |  | -  | ┝─┤             | $\dashv$ | -        | 98       | Н            |                 | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ |          |          |     |       | 148        | $\dashv$ | $\dashv$             | $\dashv$ | -        | -        |          | $\dashv$  | $\dashv$ | $\dashv$ |
| $\vdash \vdash$ | 49       | -  | $\vdash$     |     | <del>                                     </del> | $\vdash$        | $\vdash$   |  | $\vdash$        |          | -        | 99       | $\vdash$     | $\dashv$        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |     |       | 149        |          | $\vdash +$           |          | $\dashv$ | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$ |
| <u> </u>        | 50       | -  | $\dashv$     |     | $\vdash$   |                 | ├  | ┢╌   | $\vdash \vdash$ | $\dashv$ | -        | 100      | $\vdash$     | $\dashv$        | -        |          | -        | $\dashv$ | $\dashv$ |          |          | 1   |       | 150        | $\vdash$ | $\vdash$             | +        | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |
| Щ.              |          | _  |              |     | ·  | Щ.              |  |  |                 |          | Ш        | ,,,,,    | ш            |                 |          | 1        |          |          |          | 1        |          | Į   |       | 130        |          |                      |          |          |          |          |           |          |          |